

GREENBLUM & BERNSTEIN, P.L.C.
Intellectual Property Causes
1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

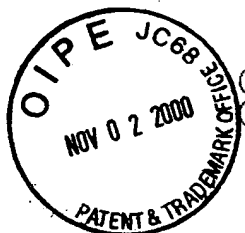
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11/02/2000

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The Patent Office Date stamp hereon is an acknowledgement that, on the date indicated, the Patent Office received the following:

- | | |
|--|--|
| <input type="checkbox"/> Amendment _____ | <input type="checkbox"/> Claim of Priority & Certified Copy of _____ |
| <input type="checkbox"/> Executed Assignment and cover letter
<input type="checkbox"/> by facsimile | |
| <input type="checkbox"/> Executed S.E.S. <input type="checkbox"/> S.E.S. Assertion | <input type="checkbox"/> Declaration <input type="checkbox"/> Supplemental |
| <input type="checkbox"/> Req. for Ext. of Time | <input type="checkbox"/> New <input type="checkbox"/> Unexecuted |
| <input type="checkbox"/> Fee Filing <input type="checkbox"/> | <input type="checkbox"/> Executed by facsimile |
| Recording <input type="checkbox"/> | |
| Issue <input type="checkbox"/> | <input type="checkbox"/> Transmittal Letter |
| Extension <input type="checkbox"/> | <input type="checkbox"/> Patent Application |
| | <input type="checkbox"/> Provisional <input type="checkbox"/> Reexam |
| <input type="checkbox"/> Fee Transmittal | <input type="checkbox"/> Reissue <input type="checkbox"/> Design |
| <input type="checkbox"/> Maintenance Fee Payment | <input type="checkbox"/> Continuation <input type="checkbox"/> CIP |
| <input type="checkbox"/> PTOL-85B Issue Fee | _____ pages (w/abstract) |
| <input type="checkbox"/> Letter to Draftsman (in trip.) | _____ claims _____ independent |
| <input type="checkbox"/> Design Patent Application Transmittal | _____ sheets of drawings |
| <input type="checkbox"/> Utility Patent Application Transmittal | ^{Supp} _____ figures |
| <input type="checkbox"/> Provisional Application Cover Sheet | <input checked="" type="checkbox"/> I.D.S. form PTO-1449 & |
| <input type="checkbox"/> Continued Prosecution Application | References <input type="checkbox"/> as attached |
| (CPA) Request Transmittal | <input checked="" type="checkbox"/> as listed on reverse |
| <input type="checkbox"/> Request for Continued Examination (RCE)
including Submission | <input type="checkbox"/> One self-addressed postcard |
| <input type="checkbox"/> Cover Letter | <input type="checkbox"/> Certification under 1.97(e) |
| <input type="checkbox"/> Check No. _____ for \$ _____ | <input type="checkbox"/> Certificate of Mailing (C-O-M) |
| <input type="checkbox"/> Rule 53b and 53f Letter for
Unexecuted Application | <input type="checkbox"/> Returned Envelope |



COPY

(A Int'l search Report (two))

In the matter of : ACTIVATION OF MULTIPLE xDSL MODEMS WITH HALF AND A FULL DUPLEX PROCEDURES

Applicant : Stephen PALM

Application No. : 09/473,683

Filed : 12/29/1999

Patent No. :

Issued :

Docket : P18062 *SW*

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5321722

5912421

6064693

CC

Y





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P18062.A05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen Palm

Group Art Unit: 2739

Appl. No. : 09/473,683

Examiner

Filed : December 29, 1999

**For : ACTIVATION OF MULTIPLE xDSL MODEMS WITH HALF DUPLEX
AND FULL DUPLEX PROCEDURES**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

**Assistant Commissioner of Patents
Washington, D.C. 20231**

Sir:

In accordance with the duty of disclosure under C.F.R. §1.56, §1.97-1.98, Applicant hereby calls the following document to the Examiner's attention:

A copy of an International Search Report mailed on August 2, 2000 with respect to related PCT Application No. PCT US00/08227 is enclosed, in which the following documents are cited:

U.S. Patent No. 5,463,382 to NIKAS et al., entitled "Method and Apparatus for Controlling Message Transmission in an Acknowledge-Back Selective Call Communication System", which issued on October 31, 1995. Applicant notes that this document was cited as a "Y" category document (indicating a document of particular relevance if combined with another document of the same category), with respect to claims 1-30 of the PCT application. The International Examiner indicated that column 1, lines 45-67; column 7, lines 5-22; and column 11, lines 11-30 are relevant; and

U.S. Patent No. 5,377,188 to SEKI, entitled "Communication System Capable of Detecting Missed Messages", which issued on December 27, 1994. Applicant notes that this document was cited as a "Y" category document with respect to claims 1-30 of the PCT application. The International Examiner indicated that the Abstract; and column 2, lines 23-53 are relevant.

COPY

P18062.A05

A copy of an International Search Report mailed on August 28, 2000 with respect to related PCT Application No. PCT US00/40019 is enclosed, in which the following documents are cited:

U.S. Patent No. 5,321,722 to OGAWA, entitled "Multipoint Connected Communication System Having Function of Retraining Modems Provided Therein and Method of Retraining the Modems", which issued on June 14, 1994. Applicant notes that this document was cited as a "X" category document (indicating a document of particular relevance), with respect to claims 1-46 and 48 of the PCT application. The International Examiner indicated that column 4, line 51 to column 5, line 11 is relevant;

U.S. Patent No. 5,912,921 to WARREN et al., entitled "Concurrent Multiple Data Rate Communications in a Wireless Local Area Network", which issued on June 15, 1999. Applicant notes that this document was cited as an "A" category document (indicating the state of the art) and as a "P" category document (indicating a document published prior to the international filing date of the PCT application, but later than the claimed priority date), with respect to claims 1-48 of the PCT application. The International Examiner indicated that column 2, line 60 to column 3, line 18 is relevant; and

U.S. Patent No. 6,064,693 to OLIVER et al., entitled "System and Method for Handling Underrun of Compressed Speech Frames Due to Unsynchronized Receive and Transmit Clock Rates", which issued on May 16, 2000. Applicant notes that this document was cited as an "A" category document and as an "E" category document (indicating earlier document published on or after the International filing date), with respect to claims 1-48 of the PCT application. The International Examiner indicated that column 4, lines 17-63 is relevant.

A copy of each above-cited document is enclosed herewith for the review of the Examiner, and as provided in M.P.E.P. §609. Further, the documents are listed on the attached PTO-1449 Form. The Examiner is respectfully requested to consider each cited document and to indicate such

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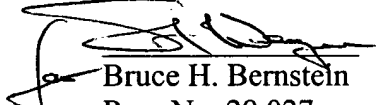
P18062.A05

consideration by appropriately initialing the enclosed PTO-1449 Form and returning a copy of the initialed form with the next communication.

The undersigned hereby certifies that each item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a related foreign application not more than three months prior to the filing of this statement. Thus, no fee is required to be paid in order to ensure consideration of the submitted materials.

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed number.

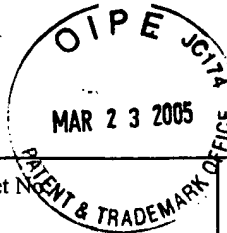
Respectfully submitted,
Stephen PALM

 3/23/05
Bruce H. Bernstein
Reg. No. 29,027

November 2, 2000
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, VA 20191
(703) 7.16-1191

Steven Wegman
Reg. No. 31,438

COPY



Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P18062Serial No.
09/473,683

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant
S. PALMFiling Date
December 29, 1999Group
2739**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 4 6 3 3 8 2	10/31/95	NIKAS et al.			
	5 3 7 7 1 8 8	12/27/94	SEKI			
	5 3 2 1 7 2 2	06/14/94	OGAWA			
	5 9 1 2 9 2 1	06/15/99	WARREN et al.			
	6 0 6 4 6 9 3	05/16/00	OLIVER et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



GREENBLUM & BERNSTEIN, P.C.
Intellectual Property Causes
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

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4/02/2004

File In: MAURSON

The Patent Office Date stamp hereon is an acknowledgement that, on the date indicated, the Patent Office received the following:

- | | |
|--|--|
| <input type="checkbox"/> Amendment _____ | <input type="checkbox"/> Claim of Priority & Certified Copy of _____ |
| <input type="checkbox"/> Executed Assignment and cover letter
<input type="checkbox"/> by facsimile | |
| <input type="checkbox"/> Executed S.E.S. <input type="checkbox"/> S.E.S. Assertion | <input type="checkbox"/> Declaration <input type="checkbox"/> Supplemental |
| <input type="checkbox"/> Req. for Ext. of Time | <input type="checkbox"/> New <input type="checkbox"/> Unexecuted |
| <input type="checkbox"/> Fee Filing <input type="checkbox"/> | <input type="checkbox"/> Executed by facsimile |
| Recording <input type="checkbox"/> | |
| Issue <input type="checkbox"/> | <input type="checkbox"/> Transmittal Letter |
| Extension <input type="checkbox"/> | <input type="checkbox"/> Patent Application |
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| <input type="checkbox"/> Maintenance Fee Payment | <input type="checkbox"/> Continuation <input type="checkbox"/> CIP |
| <input type="checkbox"/> PTOL-85B Issue Fee | _____ pages (w/abstract) |
| <input type="checkbox"/> Letter to Draftsman (in trip.) | _____ claims _____ independent |
| <input type="checkbox"/> Design Patent Application Transmittal | _____ sheets of drawings |
| <input type="checkbox"/> Utility Patent Application Transmittal | _____ figures |
| <input type="checkbox"/> Provisional Patent Application Cover Sheet | <input checked="" type="checkbox"/> ^{Supp} I.D.S. form PTO-1449 & |
| <input type="checkbox"/> Continued Prosecution Application | References <input checked="" type="checkbox"/> as attached |
| (CPA) Request Transmittal | <input type="checkbox"/> as listed on reverse |
| <input type="checkbox"/> Request for Continued Examination (RCE)
including submission | <input type="checkbox"/> One self-addressed postcard |
| <input type="checkbox"/> Cover Letter | <input type="checkbox"/> Certification under 1.97(e) |
| <input checked="" type="checkbox"/> Check No. 49455 for \$ 180.00 | <input type="checkbox"/> Certificate of Mailing (C-O-M) |
| <input type="checkbox"/> Rule 53b and 53f Letter for
Unexecuted Application | <input type="checkbox"/> Returned Envelope |



W A COPY OF EUROPEAN SEARCH REPORT (X) COPY OF CANADIAN OFFICE ACTION MAIL BY
In the matter of : ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF AND A FULL DUPLEX PROCEDURES 02-18.20

Applicant : Stephen PALM

Application No. : 09/473,683

Patent No. :

Filed : 12/29/99

Issued :

Docket : P18062 SW

COPY



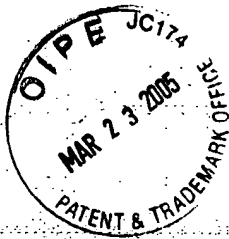
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P18062.P15

Sheet 1 of 1

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P18062		Serial No. 09/473,683	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Stephen PALM		Filing Date December 29, 1999	
				Group 2631			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5 4 9 3 6 0 9	02/20/96	DAVIS et al.				
	5 7 1 5 2 7 7	02/03/98	GOODSON et al.				
	6 4 6 6 5 8 6	10/2002	DARVEAU				
	6 4 3 8 2 2 6	08/2002	GUENTHER et al.				
	5 9 7 0 0 8 8	10/1999	CHEN				
	6 3 0 7 8 3 6	10/2001	JONES et al.				
	6 2 9 8 0 6 5	10/2001	DOMBKOWSKI et al.				
	6 2 6 3 0 1 6	07/2001	BELLENGER et al.				
	6 0 8 1 5 1 7	06/2000	LIU et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	0 8 2 0 1 6 8	01/21/98	E.P.O.				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	1	ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996.					
	2	An article by K. KRECHMER at pages 63,64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994).					
ER		DATE CONSIDERED					
ER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance considered. Include copy of this form with next communication to applicant.							

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Submission of an Information Disclosure Statement (1806)						
File # : P18062						

GREENBLUM & BERNSTEIN, P.L.C.

PTO ACCOUNT
1950 ROLAND CLARKE PLACE
RESTON, VA 20191
(703) 716-1191

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P18062.A22

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen PALM

Confirmation No. : 1308

BOX ISSUE FEE

Group Art Unit : 2631

Appl. No. : 09/473,683

Examiner : P. KUMAR

Filed : December 29, 1999

For : ACTIVATION OF MULTIPLE xDSL MODEMS WITH HALF AND A FULL
DUPLEX PROCEDURES

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

COPY

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98,

Applicant hereby calls the following documents to the attention of the Examiner:

A copy of a European Search Report mailed in related European Patent Application No. 03028105.9-2415 on February 3, 2004 is enclosed, in which the following documents were cited:

ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996;

U.S. Patent 5,493,609 to DAVIS et al., which issued on February 20, 1996; and

P18062.A22

An article by K. KRECHMER at pages 63,64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?".

The relevancy of each document is described in the European Search Report. Applicant notes that copies of these documents were previously submitted, and thus, additional copies are not enclosed.

Applicant also submits herewith a copy of a Canadian Office Action mailed on February 18, 2004 with regard to related Canadian Patent Application No. 2,288,283, in which the Canadian Patent Examiner cited the following documents:

European Patent Application Publication No. EP 0 820 168, which was published on January 21, 1998; and

U.S. Patent No. 5,715,277 to GOODSON et al., which issued on February 3, 1998.

The relevancy of each document is described in the Canadian Office Action. Applicant notes that both of these documents have previously been cited in an Information Disclosure Statement, and thus copies are not provided herewith. However, the Examiner is invited to review the consideration given the above-noted documents by the Canadian Examiner.

COPY

The following documents were cited by the Examiner reviewing related co-pending U.S. Patent Application No. 10/331,665:

U.S. Patent No. 6,466,586 to DARVEAU et al., which issued in October 2002;

U.S. Patent No. 6,438,226 to GUENTHER et al., which issued in August 2002;

U.S. Patent No. 5,970,088 to CHEN, which issued in October 1999;

U.S. Patent No. 6,307,836 to JONES et al., which issued in October 2001;

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P18062.A22

U.S. Patent No. 6,298,065 to DOMBKOWSKI et al., which issued in October 2001;

U.S. Patent No. 6,263,016 to BELLENGER et al., which issued in July 2001; and

U.S. Patent No. 6,081,517 to LIU et al., which issued in June 2000.

Copies of the above-noted seven U.S. patents are enclosed herewith.

Applicant respectfully requests that the Examiner consider the above materials and cite the documents. The above-noted documents are listed on a PTO-1449 Form, which is attached hereto. The Examiner is respectfully requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the completed Form to Applicant with the next official communication in the present application to confirm consideration of these documents.

Further, Applicant notes that this Supplemental Information Disclosure Statement is being submitted subsequent to the issuance of an Office Action on the merits. Applicant notes that a Request For A New Office Action was filed on March 30, 2004, requesting the insurance of a New Office Action, and submitting that said Office Action should be non-final. Thus, Applicant submits the 37 C.F.R. §1.97(c) governs in this situation. Accordingly, Applicant has included herewith a check in the amount of \$180.00 to cover the fee set forth in 37 C.F.R. §1.17(p). However, the Commissioner is hereby authorized to charge payment of any necessary additional fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089.

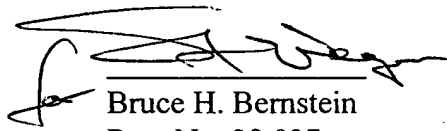
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P18062.A22

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Stephen PALM


Bruce H. Bernstein
Reg. No. 29,027

3/23/05
Steven Wegman
Reg. No. 31,438

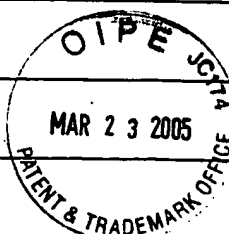
April 2, 2004
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Reston, VA 20191
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P18062.P15

Sheet 1 of 1

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P18062	Serial No. 09/473,683	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Stephen PALM		
		Filing Date December 29, 1999	Group 2631	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 4 9 3 6 0 9	02/20/96	DAVIS et al.			
	5 7 1 5 2 7 7	02/03/98	GOODSON et al.			
	6 4 6 6 5 8 6	10/2002	DARVEAU			
	6 4 3 8 2 2 6	08/2002	GUENTHER et al.			
	5 9 7 0 0 8 8	10/1999	CHEN			
	6 3 0 7 8 3 6	10/2001	JONES et al.			
	6 2 9 8 0 6 5	10/2001	DOMBKOWSKI et al.			
	6 2 6 3 0 1 6	07/2001	BELLENGER et al.			
	6 0 8 1 5 1 7	06/2000	LIU et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
0 8 2 0 1 6 8	01/21/98	E.P.O.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996.
2	An article by K. KRECHMER at pages 63,64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994).

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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B / IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen PALM **Confirmation No. : 1308**
Group Art Unit : 2631
Appl. No. : 09/473,683
Examiner : P. KUMAR
Filed : December 29, 1999
For : ACTIVATION OF MULTIPLE XDSL MODEMS WITH IMPLICIT
CHANNEL PROBE

**COMPLETION OF RECORD AND REQUEST FOR
RETURN OF COMPLETED PTO-1449 FORMS FROM
PREVIOUSLY SUBMITTED INFORMATION DISCLOSURE STATEMENTS**

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop ISSUE FEE
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicant hereby calls to the Examiner's attention the following document:

A copy of a European Office Action mailed in related European Patent Application No. EP 03 028 106.7 on January 20, 2005 is enclosed, in which the following documents were cited:

"ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996;

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P18062.A35.doc

U.S. Patent No. 5,493,609 to DAVIS et al., which issued on February 20, 1996;
and

An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."

A copy of a further Office Action mailed in a related Canadian Patent Application is enclosed, in which the following documents are cited:

U.S. Patent No. 5,311,578 to BREMER et al., which issued on May 10, 1994;
and

U.S. Patent No. 5,644,573 to BINGHAM et al., which issued on July 1, 1997.

Applicant notes that all of the above-noted documents were previously cited in prior Information Disclosure Statements, and thus, copies are not being provided herewith. However, Applicant has enclosed a copy of the European and Canadian Office Actions to complete the record.

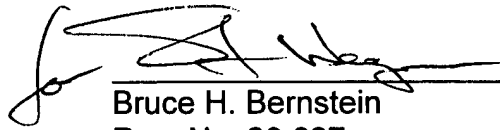
Applicant further notes that the Examiner has inadvertently failed to return completed copies of the PTO-1449 Forms that accompanied the Information Disclosure Statements filed on November 2, 2000 and April 5, 2004. The Examiner is respectfully requested to return the completed PTO-1449 Forms to confirm his consideration of the previously submitted materials. Applicant encloses herewith copies of the previously filed Information Disclosure Statements, along with their associated PTO-1449 Forms and date-stamped filing receipts for this purpose.

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P18062.A35.doc

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Stephen PALM



Bruce H. Bernstein
Reg. No. 29,027

Steven Wegman
Reg. No. 31,438

March 23, 2005
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
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